

Abstract:

The invention relates to a process for producing a metal strip using a two-roller casting device. The latter is formed by two oppositely rotating casting rollers with casting-roller axes arranged parallel to one another and two side plates which bear against the end sides of the casting rollers. The metal melt which is introduced is conveyed out of the casting gap formed by the casting rollers as an at least partially solidified metal strip. To improve the sealing of the melt pool at the start of casting and in the event of parasitic solidifications passing through the casting gap, it is proposed

- that the side plates (6, 7), in a first time interval ( $\Delta t_1$ ), are moved onto the end sides (17, 18) of the casting rollers in a first direction of movement parallel to the casting-roller axes (4, 5), and
- that the side plates (6, 7), in a second time interval ( $\Delta t_2$ ), are moved onto a portion of the lateral surfaces (10, 11) of the casting rollers in a second direction of movement parallel to the casting direction (G) in the casting gap (19).

(Fig. 4)